

Cable glands Ex e & Ex d & Ex nR & Ex ta

Series A2F100 for unarmoured cables

STAHL

E10



- Ex d and Ex e cable glands for unarmoured cables and cables with wire-braid armouring
- Increased safety: Sealing of the outer cable sheath, flood seal, designed to prevent cold flow
- No strain relief necessary
- Suitable for mobile applications
- Globally certified in accordance with IECEx, ATEX and CSA

MY R. STAHL A2F100A



The Series A2F 100 metal Ex d and Ex e cable glands are designed for unarmoured cables and cables with wire-braid armouring. Greater safety is ensured by the flood seal with integral protection and the sealing of the outer cable sheath by an explosion-protected displacement seal, as well as the prevention of cold flow. They have global certification according to IECEx, ATEX and CSA.

	IECEx / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•	•	•	•

Selection Table								
Thread standard	metric							
Material	Nickel-plated brass							
Gland size	Thread size	Inner sheath	Width across flats	Width across corners	Protrusion length	PVC boot	Art. No.	Weight
20	M20	7 ... 13.5 mm	27 mm	29.7 mm	35.8 mm	PVC05	263422	90 g
20s	M20	6.5 ... 11.2 mm	24 mm	26.4 mm	31.9 mm	PVC04	263421	70 g
20s16	M20	3.2 ... 8 mm	24 mm	26.4 mm	30.4 mm	PVC04	263420	80 g
25	M25	11.5 ... 19.5 mm	36 mm	39.6 mm	40.4 mm	PVC09	263423	160 g
32	M32	19 ... 25.5 mm	41 mm	45.1 mm	38.5 mm	PVC10	263393	180 g
40	M40	25 ... 32.2 mm	50 mm	55 mm	38.8 mm	PVC13	263394	250 g
50s	M50	31 ... 38.2 mm	55 mm	60.5 mm	41.1 mm	PVC15	263395	330 g
63	M63	48.2 ... 54.9 mm	75 mm	82.5 mm	43.6 mm	PVC23	263398	550 g
63s	M63	41.5 ... 49.9 mm	70.5 mm	77.6 mm	43.3 mm	PVC21	263397	560 g

Versions with country codes BRA, CHN and others available on request.

Technical Data	
Explosion Protection	
IECEx gas explosion protection	Ex db IIC Gb
IECEx gas explosion protection 2	Ex eb IIC Gb
IECEx dust explosion protection	Ex ta IIIC Da
IECEx firedamp protection	Ex db I Mb
IECEx firedamp protection 2	Ex eb I Mb
IECEx restricted breathing	Ex nRc IIC Gc

Technical Data
Explosion Protection

ATEX gas explosion protection II 2 G Ex db IIC Gb

ATEX gas explosion protection 2 II 2 G Ex eb IIC Gb

ATEX dust explosion protection II 1 D Ex ta IIIC Da

ATEX firedamp protection I M2 Ex db I Mb

ATEX firedamp protection 2 I M2 Ex eb I Mb

ATEX restricted breathing II 3 G Ex nRc IIC Gc

Notes

 The product certificates can be downloaded from the manufacturer's homepage (www.cmp-products.com)

Ex version

Ex e & Ex d & Ex nR & Ex ta

Ambient Conditions

Ambient temperature -60 °C ... +130 °C

Mechanical Data

Degree of protection (IP) IP66

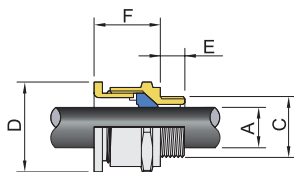
Degree of protection note IP67 and IP68 mounting according to the specifications of the manufacturer, CMP. The specified degrees of protection are only fulfilled if CMP installation accessories are used.

Sealing material SOLO LSF

Silicone-free No

Construction type BS 6121, IEC/EN 62444

Impact strength 20 J

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations


A = Inner sheath C = Thread size
 D = Width across corners D = Width across flats
 E = Thread length F = Protrusion length